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EXAMINER
HO, CHUONG T

ART UNIT	PAPER NUMBER
2664	

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *27 May 2005*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-13* is/are pending in the application.

　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-13* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　a)☐ All　b)☐ Some *　c)☐ None of:

　　1.☐ Certified copies of the priority documents have been received.

　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

1.   The amendment filed 05/27/05 have been entered and made of record.

2.   Applicant's arguments filed 05/27/05 have been fully considered but they are not

persuasive.

In the page 6, lines 7-11, the Applicant alleged that "this (Bloomfield "6,707,580")

does not teach or suggest that a telephone line interface receive an incoming fax

transmission sent with data demarcated by tags, where a function is to read the tagged

data that has been received with the fax transmission, and where information from the

tagged data is to be inserted into the from-field of the email message."

The Applicant 's argument is not persuasive.

Bloomfield (6,707,580), see figure 7, teach or suggest that a telephone line interface

receive an incoming fax transmission sent with data demarcated by tags, where a

function is to read the tagged data that has been received with the fax transmission, and

where information from the tagged data is to be inserted into the from-field of the email

message (see figure 7, col. 13, lines 23-45, a system (fax server 110) for transfer data

received from a fax device (fax interface device 102, fax device 106) over a telephone

line (PBX 115);

a telephone line interface receive an incoming fax transmission (the document, see col.

13, lines 23-24) sent with data demarcated by tags (an e-mail address);

where a function is to read the tagged data (the e-mail address) that has been received

with the fax transmission (the document), and where information from the tagged data

(e-mail address) is to be inserted into the from-field of the email message (see col. 13,

lines 59-63, the system 100 creates an E-mail message 270, addressed to the recipient

at the previously received E-mail address, which includes a message portion 272 and an attached image data file 274 containing the previously received fax image data stored in an industry-standard format for storing graphical data).

The Applicant, page 6, lines 12-16, alleged that "Bloomfield (6,707,580) does not teach or suggest a computing device that executes a program that includes a function which read the tagged data received with an incoming fax transmission, and causes a portion of a fax image that has been converted from fax transmission to be routed to an email address, with information from the tagged data being inserted into a from-field of the e-mail message".

Bloomfield teach or suggest a computing device (fax server 110) that executes a program that includes a function which read the tagged data (e-mail address) received with an incoming fax transmission (the document) (see col. 13, lines 23-35) , and causes a portion of a fax image that has been converted from fax transmission to be routed to an email address, with information from the tagged data (e-mail address) being inserted into a form-filed of the e-mail message (see figure 4, col. 13, lines 59-63).

In the page 6, lines 18-22, the Applicant alleged that "Bloomfiled does not teach or suggest a computing device that includes a function which convert a fax image (that has been converted from an incoming fax transmission) into a computer readable format, and extracts header information from the fax image, where a look up operation is performed using the header information to derive an email address.

Bloomfiled teach or suggest a computing device that includes a function which

convert a fax image (the document) into a computer readable format, and extracts

header information from the fax image (the document), where a look up operation is

performed using the header information to derive an email address (see col. 13, lines

23-45, lines 59-63, col. 14, lines 1-7).

3.   Claims 1-13 are pending.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under
section 122(b), by another filed in the United States before the invention by the
applicant for patent or (2) a patent granted on an application for patent by
another filed in the United States before the invention by the applicant for patent,
except that an international application filed under the treaty defined in section
351(a) shall have the effects for purposes of this subsection of an application
filed in the United States only if the international application designated the
United States and was published under Article 21(2) of such treaty in the English
language.

4.   Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by

Bloomfield (U.S.Patent. No. 6,707,580) "Provisional application No. 60/048,064, filed on

May 30, 1997, and provisional application No. 60/028,405, filed on Oct 15, 1996".

In the claim 1, see figures 1, 4, 5, 7, 11A, 11C, Bloomfield discloses, see figure

5, "283, 288, 292, 296", col. 7, lines 5-18, **the Fax-server 110** service the call by,

among other tasks: verifying (against a stored list of valid identification codes of **fax**

interface device 102) that the call is to be processed "Check **the fax device** is

authorized to user the Fax-Server 110"; (see col. 8, lines 43-50, figure 4, the E-mail

message 270 comprises a message portion 272, described below, and attached image

data file 274. The attached image data file 274 includes image data representative of

the document being communicated, via E-mail, from the sender's fax machine 106 to

the recipient's E-mail 118 by the FAX/Email communication system 100); (See figure 5,

11A, the information and data used to populate the "fields" 282, 286, 290, of the header

portion 276, as well as the text 300 and link data 297 of the body portion 280, as well as

the informative data found in the textual portion 299 is all information and data **received**

by the Fax-Server 110 during step 1034 and 1036 of the process described below (see

FIG. 11A) and/or generated at step 1074 of the process (see FIG. 11C), and is that

information and data which constitutes the message portion 272 of the E-mail message

270 depicted in FIG.4); comprising:

- A telephone line interface (FAX-SERVER 110), see figures 1, 4, 5, 11A, to

  receive an incoming fax transmission (the document) sent with data demarcated

  by tags (e-mail address) (See figure 5, 11A, the information and data used to

  populate the "fields" 282, 286, 290 **"Auxiliary data fields",** of the header portion

  276, as well as the text 300 and link data 297 of the body portion 280, as well as

  the informative data found in the textual portion 299 is all information and data

  received by the Fax-Server 110 during step 1034 and 1036 of the process

  described below (see FIG. 11A) and/or generated at step 1074 of the process

  (see FIG. 11C), and is that information and data which constitutes the message

  portion 272 of the E-mail message 270 depicted in FIG.4) (see col. 9, lines 1-25);

- A fax processor to convert the fax transmission into a fax image (col. 13, lines 59-65);

- A computing device to execute a program that includes a function which converts the fax image into a computer-readable format (see col.13, lines 23-35), a function which reads the data field received with the fax transmission, and a function that causes a portion of the fax image (the document) to be routed, in said computer-readable format, to an email address via an email message, wherein information from the data field is to be inserted into a from-field of the email message (see col. 13, lines 23-35, lines 59-65).

5.   In the claims 2, 3, 9, 10, Bloomfield discloses the computer device is to execute a further function which includes a decoding viewer in an email transmission to a recipient of message, to facilitate viewing of message (see col. 14, lines 10-15, lines 35-37).

6.   In the claims 4, 11, Bloomfield discloses wherein the information inserted into the from-field of the email messages is a return email address of a sender of fax transmission (see col. 9, lines 1-25).

7.   In the claim 5, Bloomfield see figures 1, 4, 5, 7, 11A, 11C, Bloomfield discloses, see figure 5, "283, 288, 292, 296", col. 7, lines 5-18, **the Fax-server 110** service the call by, among other tasks: verifying (against a stored list of valid identification codes of **fax interface device** 102) that the call is to be processed "Check **the fax device** is authorized to user the Fax-Server 110"; (see col. 8, lines 43-50, figure 4, the E-mail message 270 comprises a message portion 272, described below, and attached image data file 274. The attached image data file 274 includes image data representative of

the document being communicated, via E-mail, from the sender's fax machine 106 to

the recipient's E-mail 118 by the FAX/Email communication system 100); (See figure 5,

11A, the information and data used to populate the "fields" 282, 286, 290, of the header

portion 276, as well as the text 300 and link data 297 of the body portion 280, as well as

the informative data found in the textual portion 299 is all information and data **received**

by the Fax-Server 110 during step 1034 and 1036 of the process described below (see

FIG. 11A) and/or generated at step 1074 of the process (see FIG. 11C), and is that

information and data which constitutes the message portion 272 of the E-mail message

270 depicted in FIG.4); comprising:

- A telephone line interface (FAX-SERVER 110), see figures 1, 4, 5, 11A, to

  receive an incoming fax transmission (See figure 5, 11A, the information and

  data used to populate the "fields" 282, 286, 290 **"data fields",** of the header

  portion 276, as well as the text 300 and link data 297 of the body portion 280, as

  well as the informative data found in the textual portion 299 is all information and

  data **received by the Fax-Server 110** during step 1034 and 1036 of the process

  described below (see FIG. 11A) and/or generated at step 1074 of the process

  (see FIG. 11C), and is that information and data which constitutes the message

  portion 272 of the E-mail message 270 depicted in FIG.4) (see col. 9, lines 1-25)

  (col. 13, lines 23-35, lines 59-65);

- A fax processor to convert the fax transmission into a fax image (see col. 13,

  lines 23-35, lines 59-65);

- A computing device to execute a program that includes a function which converts the fax image into a computer-readable format (see col. 13, lines 23-35), a function which extracts header (email address) information from the fax image (the document) , a function that performs a look-up operation using the header information to derive an email address (see figure 4, col. 13, lines 23-35) , and a function that causes a portion of the fax image to be routed, in said computer-readable format, to the email address (see col. 13, lines 23-35, lines 59-65, see col. 14, lines 10-15, lines 33-37).

8.   In the claim 6, Bloomfield discloses the incoming fax transmission has data field (See figure 5, 11A, the information and data used to populate the "fields" 282, 286, 290 **"Auxiliary data fields",** of the header portion 276, as well as the text 300 and link data 297 of the body portion 280, as well as the informative data found in the textual portion 299 is all information and data **received by the Fax-Server 110** during step 1034 and 1036 of the process described below (see FIG. 11A) and/or generated at step 1074 of the process (see FIG. 11C), and is that information and data which constitutes the message portion 272 of the E-mail message 270 depicted in FIG.4) (see col. 9, lines 1-25), and the computing device is to insert information from the data field into a from-field of an email message in which portion of the fax image is to be routed (see col. 2, lines 23-35, the present invention comprises apparatus and methods for the input of an E-mail address locally to a facsimile machine, for directing the transmission of the image to a remotely located FEM-GATEWAY, for receiving **and converting** data representative of an image scanned by the facsimile device (referred to herein as

facsimile information) into a computer-readable data file formatted in an image data file

format, **for creating** an addressed E-mail message to which the computer-readable

data file is attached, and for delivering the E-mail and attachment to a desired recipient)

(the present invention's handling of the fax message by converting the message to a

computer-readable image file and attaching it to a system generated E-mail message).

9.   In the claim 7, Bloomfield discloses the information inserted into the from-field of

the email messages is a return email address (see figure 5, col. 9, lines 1-25, of a

sender of fax transmission.

10.   In the claim 8, see figures 1, 4, 5, 7, 11A, 11C, Bloomfield discloses, see figure

5, "283, 288, 292, 296", col. 7, lines 5-18, **the Fax-server 110** service the call by,

among other tasks: verifying (against a stored list of valid identification codes of **fax**

interface device 102) that the call is to be processed "Check **the fax device** is

authorized to user the Fax-Server 110"; (see col. 8, lines 43-50, figure 4, the E-mail

message 270 comprises a message portion 272, described below, and attached image

data file 274. The attached image data file 274 includes image data representative of

the document being communicated, via E-mail, from the sender's fax machine 106 to

the recipient's E-mail 118 by the FAX/Email communication system 100); (See figure 5,

11A, the information and data used to populate the "fields" 282, 286, 290, of the header

portion 276, as well as the text 300 and link data 297 of the body portion 280, as well as

the informative data found in the textual portion 299 is all information and data **received**

by the Fax-Server 110 during step 1034 and 1036 of the process described below (see

FIG. 11A) and/or generated at step 1074 of the process (see FIG. 11C), and is that

information and data which constitutes the message portion 272 of the E-mail message 270 depicted in FIG.4); comprising:

- A telephone line interface (FAX-SERVER 110), see figures 1, 4, 5, 11A, to receive an incoming fax transmission including a data field from a sender (See figure 5, 11A, the information and data used to populate the "fields" 282, 286, 290 **"data fields",** of the header portion 276, as well as the text 300 and link data 297 of the body portion 280, as well as the informative data found in the textual portion 299 is all information and data **received by the Fax-Server 110** during step 1034 and 1036 of the process described below (see FIG. 11A) and/or generated at step 1074 of the process (see FIG. 11C), and is that information and data which constitutes the message portion 272 of the E-mail message 270 depicted in FIG.4) (see col. 13, lines 23-35);

- A fax processor to convert the fax transmission into a fax image (see col. 13, lines 23-35);

- A computing device to execute a program that includes a function which converts the fax image into a computer-readable format (see col. 13, lines 23-35, lines 59-65) , a function which reads the data field received with the fax transmission, and a function that causes a portion of the fax image to be routed, in said computer-readable format, to an email address via an email message, wherein the sender's return information taken from the data field (see col. 13, lines 23-35) is to be inserted into the email message.

11.   In the claim 12, Bloomfield discloses the telephone line interface (fax server 110,

figure 7) is to receive the incoming fax transmission (the document) from a sending fax

device (fax interface device 102, fax device 106), and the computing device is to

execute a program that includes the function which reads the tagged data (e-mail

address) received with the fax transmission (the document), after the fax transmission

has been received and a connection to the sending fax device (fax interface device 102,

fax device 106) has been disconnected (see col. 13, lines 23-35, lines 59-65).

12.   In the claim 13, Bloomfield discloses the telephone line interface is to receive the

incoming fax transmission (the document) including the data field (the e-mail address)

as part of a file transfer from the sender (fax interface device 102, fax device 106) (see

col. 13, lines 23-35, lines 59-65).

13.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHUONG T. HO whose telephone number is (571) 272-3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

08/02/05

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